



Deanna L. Hasler

Our Case No. 10022/300

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Group Art Unit No.: 2121

Findler, N.V., "Associative Networks: Representation and Use of Knowledge by Computers," pp. xv-xvi, 51-54, 62-63, 179-180; Academic Press, New York, 1979.
Date, C.J., "An Introduction to Database Systems," pp. 38-39, 48-52, 491-493, 792-797; Vol. I,

Fifth Ed., Addison-Wesley System Programming Series, © 1990 Addison-Wesley Publishing Co., Inc.

Screenshots from Visio 4.0 for Microsoft Windows, © 1991-1995 Vision Corporation.

Poulovassilis, A. and Levene, M., "A Nested-Graph Model for the Representation and Manipulation of Complex Objects," pp. 35-68, ACM Transactions on Information Systems, Vol. 12, No. 1, January 1994.

Wang, B., Hitchcock, P., Holden, T., "Linking Object Oriented Database and Hypertext to Support Software Documentation," pp. 149-156, ACM SIGDOC '92, Proc. 10th Ann. Int. Conf. on Systems Documentation, © ACM 1992.

Baecker, H.D., "Garbage Collection for Virtual Memory Computer Systems," pp. 981-986, Comm. of the ACM, Vol. 15, No. 11, Nov. 1972 © 1972, Association for Computing Machinery, Inc.

Swaminathan, K., "RA: A Memory Organization to Model the Evolution of Scientific Knowledge," pp. 23-30, 62-79, COINS Technical Report 90-80, Sept. 1990.

Halasz, F.G., Moran, T.P., Trigg, R.H., "NoteCards in a Nutshell," pp. 45-51, Proceedings of CHI'87, © 1987 ACM

Andrews, K., "Visualising Cyberspace: Information Visualisation in the Harmony Internet Browser," pp. 97-104, Proc. Of First IEEE Symposium on Information Visualization, Atlanta, GA, Oct. 1995.

Mukherjee, S., Foley, J.D., "Visualizing the World-Wide Web with the Navigational View Builder," Computer Networks & ISDN System, Special Issue on 3rd Int. Conf. On the World-Wide Web '95, April 1995, Darmstadt, Germany.

Lamping, J., Rao, R., Pirolli, P., "A Focus+Context Technique Based on Hyperbolic Geometry for Visualizing Large Hierarchies," pp. 1-8, Reprinted From: Proc. ACM SIGCHI Conf. On Human Factors in Computing Systems, Denver, May 1995, ACM.

Robertson, G.G., Mackinlay, J.D., Card, S.K., "Cone Trees: Animated 3D Visualizations of Hierarchical Information," pp. 189-193, Proc. Conf. Human Factors in Computing Systems (CHI'91) © ACM 1991.

Kumar, H.P., Plaisant, C., Shneiderman, B., "Browsing Hierarchical Data with Multi-Level Dynamic Queries and Pruning," pp. 1-6 of 24, and 22 of 24; Int. Jour. Human-Computer Stud., 1996, 46(1); URL: <ftp://ftp.cs.umd.edu/pub/hcil/Reports-Abstracts-Bibliography/3474>

Hara, Y., Keller, A.M., Rathmann, P.K., Wiederhold, G., "Implementing Hypertext Database Relationships through Aggregations and Exceptions," pp. 1-4, Stanford Technical Report, 1991.

Miriyala, K., Hornick, S.W., Tamassia, R., "An Incremental Approach to Aesthetic Graph Layout," Proc. 6th Int. Workshop on Computer-Aided Software Engineering, CASE '93, 1993.

Roth, S.F., Kolojejchick, J., Mattis, J., Goldstein, J., "Interactive Graphic Design Using

Automatic Presentation Knowledge," pp. 112-117 & p. 476, Proc. Of CHI'94 Conf. Boston, April 1994 © 1994 ACM.

Mackinlay, J., "Automating The Design of Graphical Presentations of Relational Information," ACM, pp. 110-141, ACM Transactions on Graphics, Vol. 5, No. 2, April 1986.

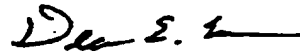
Ichimura, S. and Matsushita, Y., "Another Dimension to Hypermedia Access," pp. 63-72, Hypertext '93 Proceedings, © ACM 1993

In accordance with 37 C.F.R. § 1.97(g),(h), this Fourth Supplemental Information Disclosure Statement is not to be construed as a representation that a search has been made and is not to be construed to be an admission that the information cited is, or is considered to be, material to patentability as defined in 37 C.F.R. § 1.56(b).

This Fourth Supplemental Information Disclosure Statement is being filed prior to the receipt of the first Official Action reflecting an examination on the merits and hence is believed to be timely filed in accordance with 37 C.F.R. § 1.97(b). No fees are believed to be due in connection with filing of this Fourth Supplemental Information Disclosure Statement, however, should any fees under 37 C.F.R. §§ 1.16 to 1.21 be deemed necessary for any reason relating to these material, the Commissioner is hereby authorized to deduct said fees from Brinks Hofer Gilson & Lione Deposit Account No. 23-1925. A duplicate copy of this document is enclosed.

Applicant(s) respectfully request that the listed documents be made of record in the present case.

Respectfully submitted,



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DEM/dlh

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Mailed: March 9, 2004

Applicant(s): Edy S. Liongosari

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For: KNOWLEDGE MODEL-BASED INDEXING
OF INFORMATION



- XX Transmittal (in duplicate)
- XX Fourth Supplemental Information Disclosure Statement
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- XX 19 References
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